MEDINA (ROMAN) CEMENT.—The manufacture of which this cement is made is obtained in the Isle of Wight. It has all the properties of the Sheppy stone, but is much better adapted to engineering works, from the rapidity with which it sets and hardens under water. It has been long used at the great Breakwater at Cherbourg; in a similar work at Aldernay, and at Dover New Pier, to unite the masonry. The foundation of the centre pier of the Tubular Bridge at Menai Straits is laid in Medina Cement. A new groyne at Seaforth Bay, Isle of Wight, has been constructed of no other material but this cement and sea shingle. The work extends 200 feet into the sea, and is exposed to the most violent rules of the Channel, in a position where every former construction had been repeatedly washed away. The superiorance of this vested quantities of Roman Cement are superseded by the use of this improved manufacture.

CHAS. FRANCIS and SONS, Blue Elms, London; or West Medina Mill, Newport, Isle of Wight.

Agent for Southampton, R. L. FLUDER, American Wharf.

PERMANENT STUCCO WASH,
WITHOUT SIZE OR OTHER CORRUPTIBLE INGREDIENT.

As used at St. George's Hospital, Hyde Park Corner.

JOHNS and CO. having effected some important improvements in the manufacture of this very useful material, confidently offer it to the notice of the Trade and the Public generally, as possessing every advantage over the common Lime Wash or Water Colour for STUCCO or BRICK WORK. It is a Stone Colour, but may be tinted to any other—DOES NOT WASH OFF—is perfectly dry in twenty-four hours, and, being a non-absorbent, is admirably adapted for Railway Stations, Union Workhouses, Barracks, Schools, Prisons &c. One coat will cover 20 square yards. It will keep good for years, and MAY BE EXPORTED WITH PERFECT SAFETY.

JOHNS and CO'S STUCCO CEMENT.—This cement, from the great reduction in price, and its suitableness for internal as well as external surfaces, places it above all other materials of its kind; it has no caustic qualities, may be painted or papered in a few days; never blisters, cracks, or vegetates; soon becomes as hard as stone; and may be cleansed with a brush and water.

The merits of the PAINT are well known for its application to stucco work of all kinds, and external work generally. Numerous testimonials, prospectuses, and every information may be obtained, on application to the Sole Agents, PHILIP HARE and Co. at the Warehouse, 28, Steel-yard, Upper Thames-street. A liberal allowance to wholesale dealers.

THOMAS FREEN and CO. LIME BURNERS,
Wouldham-on-the-Medway. Grey and Chalk Lime supplied by the freight, direct from the kilns, or fresh from their wharfs, on Canal-road, Kingsland road; Queen's Wharf, Great Cambridge-street, Hackney-road; or King's Wharf, New Wharf-road, Battle-bridge. N.B. Lathe, Tiles, Chimney-pots, Plaster, Hair, Welsh Goods, &c. &c. &c.

GREAVES'S BLUE LIAS LIME.—The superior manner in which the above is ground renders it cheaper for concrete or stucco than any other lime or cement. The shell lime for mortar is burnt on an improved principle, leaving scarcely any ears. The satisfaction constantly expressed by Engineers, Architects, and Contractors, of the above, is its best recommendation.

Gibbs, Canning, and Co.'s Blue Vitrified Bricks, Pipes, Junction Bends, and Fire Goods.

ROMAN, PORTLAND, PARIAN, ANSTON, and LIAS CEMENT of the best quality.

ARCHIBALD PAVIOUR, STOCKS, and other Bricks.

CHARLES RICHARDSON, 6, South Wharf, Paddington.

GREY-STONE LIME.—HALL, BROTHERS, Horsham Lime Works, near Reigate, beg to offer to Builders and others a list of their prices for Cash on delivery.

Grey-Stone Lime	4s. 0d.	per Yard, or 22 Bushels	
Ditto, for Manure	3s. 0d.	ditto	ditto
Ditto, Ashes	1s. 6d.	ditto	ditto
Black ditto	2s. 0d.	ditto	ditto

In not less than Six Yard quantities, and put on the Railway for all goods stations on the London and Brighton and South Eastern Railways, or lines connected with them. A fresh supply, hot from the kilns daily, at the Bricklayers' Arms and Croydon Stations, and delivered to all parts.

Prices for Cash on delivery:—7s. per yard at the stations or works; 8s. per yard delivered within five miles; in not less than 3-yard quantities. Booking, 8s. per yard; 1s. per yard off, if paid monthly. Carboning charged for. The quality is warranted to be the best.—Address, Horsham, near Reigate, Croydon; or Youlgrave, Old Kent-road.

ELIZABETHAN and ITALIAN CHIMNEY TOPS.—More than One Hundred different patterns are now manufactured in AUSTIN'S ARTIFICIAL STONE, of various sizes, from 3 to 10 feet in height.—J. SKELEY (late Austen and Seeley), Keppel-row, New-road.

COKE BRICKS, PIPES, TILES, &c. of any colour, indestructible, superior to the best bricks hitherto used, and will be sold for less than 8s. per 1,000. As these bricks are only one-third the weight of ordinary bricks, a saving of two-thirds the cost of conveyance is effected. For licenses to manufacture and sell apply to the Inventor and Patentee, WILLIAM PIDDING, Esq. Chislehurst, Kent.

PAN TILES, 48s.; Plain, 32s. 6d.; superior White Suffolk Facing, Red ditto, Fire Brick, 60s.—Best Stourbridge, Welsh, and Newcastle Fire Bricks, Lumps, Tiles, Clay, Windsor Loam, &c. Gas and other shaped Goods, Windsor and Norwich Oven Tiles and Bricks, Dutch and English Clinkers, Patent Malt-kiln and Corn-drying finely-perforated Tiles, 12in. and 9in. Paving ditto, unequalled in quality and colour, at WARD'S old-established Broderers Wharf, Bankside, Southwark, London. Thames Sand, Concrete, Gravel, &c. &c.

BRICKS.—H. DODD is enabled to offer his BRICKS, which are of good quality at the following low prices; and as his fields are only a quarter of an hour's walk from the City, H. D. earnestly requests purchasers will favour him with a visit, in order to inspect his stock and to judge for themselves:—

Marls cutters	35s.	Per Thousand.
Yellow seconds	40s.	"
Pale seconds	50s.	"
Paviors	45s.	"
Picklings	30s.	"

Delivered on ship, two miles of the fields.

Marls place, half-washed stocks and place bricks, at equally low prices. These bricks are sound, well burnt, and unusually free from defects; a very large proportion of the stock being suitable for exterior facing.—Apply to HENRY DODD and CO. at the Counting-house, Herten Brickfields, Grange-walk, near the Rosemary Branch, Horton. N.B.—Red pit sand of approved quality constantly on sale, upon reasonable terms, this sand, from its not containing any saline matter, is acknowledged to be preferable to river sand.

Bricks for Bond Courses.

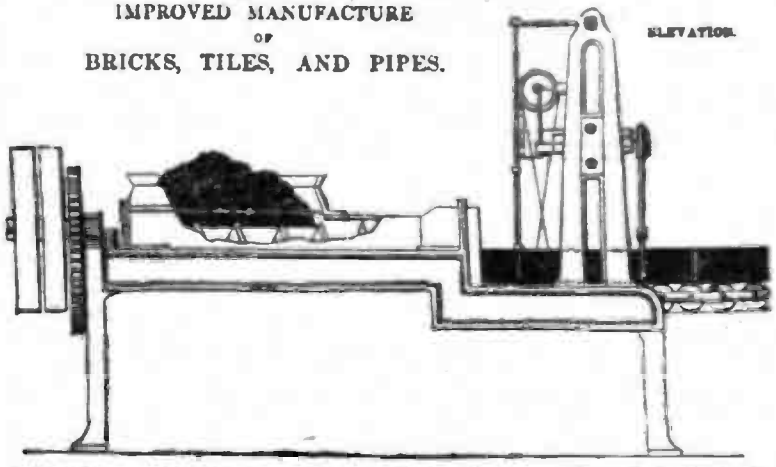
Bricks for Stretcher Courses.

MOON'S PATENT HOLLOW CHIMNEY BRICKS, for Circular Flues, 10 inches diameter; strong and fire-proof for Chimney Building.—Particulars to be had of Mr. HENRY CLAYTON, the Prize Brick and Tile Machine Maker, Atlas Works, Upper Park-place, Dorset-square, London.

The Bricks to be had at the following places, viz.:—

	Makers.
Hampstead, Herts	
Kingsland, London	Warren and Matthews.
Ealing, Essex	Wm. Hinde.
Liverpool, Lancashire	Henry Holland.
Swansea, South Wales	
Ryde, Isle of Wight	
Birkenhead, Cheshire	J. J. Whittingham and Co.

RANDELL AND SAUNDERS'S PATENT MACHINE
FOR THE
IMPROVED MANUFACTURE
OF
BRICKS, TILES, AND PIPES.



ELEVATION.

In this machine are combined the two objects so long sought in brick machines—a press which forces the clay through a die without pressure, so long as the clay is supplied to the machine, and a perpetual self-acting cutter, which severs the clay the required lengths without interfering with its progress.

The clay, in a rough state, is thrown upon the screws by the person employed to fill the machine; the screws, in revolving, thoroughly pug the clay, and also force it forwards into a chamber at the other end of the cylinder in which they revolve; from this chamber the clay is allowed to issue through a die, and it is obvious that the stream of clay must take the form of the opening through which it passes, and this opening can be made of the form required to make bricks, tiles, pipes, and other descriptions of ware.

When it is necessary to give the ends of the bricks a corrugated shape, this can be done by attaching a knife to the cylinder of the cutter; this knife revolves with the cylinder, and is made the shape required for the ends of the bricks, which form it imparts to the bricks in cutting them. This arrangement is adapted for making Messrs. RANDELL and SAUNDERS'S Patent Dovetailed Bricks, for sewage purposes, which make a drain of much greater strength than the stoneware or red ware pipes, and at far less cost.

The machine is self-acting—the attendants have merely to put in the clay, and remove the bricks, or other ware, which may be produced.

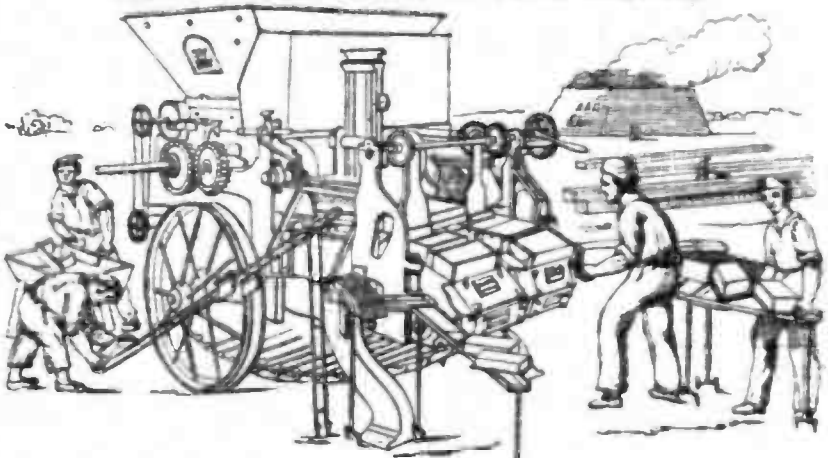
When worked with two-horse power, the machine will produce 1,200 bricks, or 1,200 3-inch pipes, per hour; more power can be applied if desirable, and a larger result obtained.

The screws propel the clay without taking air in with it; thus the ware comes out free from the imperfections which are so often seen in the ware produced by piston presses; and the loss so generally incurred by waste in burning, from the expansion of the air in the ware, is avoided.

The moderate price of this machine, and the simplicity of its construction, place it within the reach of almost every person in the trade, both as to cost and management. It not only lessens the cost of labour required in the process of brick making, but, as the clay can be used in a much drier state than it can be when moulded by the hand, the time occupied in drying is much less; and, when hollow bricks are made, a wonderful saving is effected in the cost of manufacture and burning. The consequence of the great compression given to the clay in the transit, ware of very superior quality is produced.

For price and further particulars apply to RANDELL and SAUNDERS, Bath; CHARLES JOHN CARR and CO. Engineers, Belper, Derby; STOTHERT, HAYNO, and PITT, Engineers, Bath; or to FOWLER and FRY, Engineers, Bristol.

HART'S PATENT PORTABLE BRICK MACHINE.

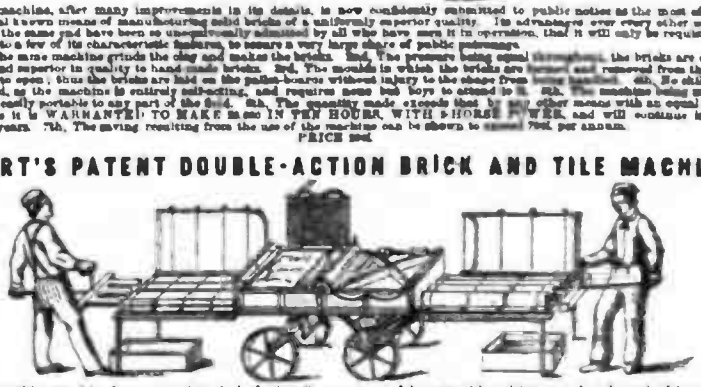


This machine, after many improvements in its details, is now confidently submitted to public notice as the most effective and economical known means of manufacturing solid bricks of a uniformly superior quality. Its advantages over every other machine for obtaining the same end have been so unequivocally admitted by all who have seen it in operation, that it will only be requisite to draw attention to a few of its characteristic features, to secure a very large share of public patronage.

1st. The same machine grinds the clay and makes the bricks. 2nd. The pressure being equal throughout, the bricks are of uniform density, and superior in quality to hand made bricks. 3rd. The moulds in which the bricks are formed and removed from the machine are made to open; thus the bricks are laid on the pallet-boards without injury to the shape from hand moulded. 4th. No skilled labour is required, as the machine is entirely self-acting, and requires none but boys to attend to it. 5th. The machine being mounted on wheels, is easily portable to any part of the field. 6th. The assembly made stronger than by any other means with an equal amount of power; as it is WARRANTED TO MAKE 12,000 IN TEN HOURS, WITH 2 HORSE POWER, and will continue in working order for years. 7th. The saving resulting from the use of the machine can be shown to exceed 70*l.* per annum.

PRICE 200*l.*

HART'S PATENT DOUBLE-ACTION BRICK AND TILE MACHINE.



This machine consists of a worm and toothed wheel, acting on a powerful screw, with a piston at each end; each piston working in the machine, which is capable of containing 1 cwt. of clay at each end.

The machine is entirely of iron, and the construction is so simple, that with ordinary care it will last for years, and WILL BE WARRANTED FOR THREE YEARS. It is mounted on wheels, so as to be readily taken to any part required. The dies are made for tiles, and moulds and cores of any shape and size; for solid or hollow bricks; for pipes of any shape and size up to 6 inches diameter, and with two receiving tables.

N.B.—The dies for Roberts's Patent Hollow Bricks, as exhibited in Prince Albert's Model Cottages in Hyde park, are manufactured for, and supplied with this machine if required. It is capable of being worked by hand, or may, as well as the Brick Machine, be driven by horse or steam power.

The price of the machine, complete, with two tables, two dies, and one screw, for hand-power	35*l.*
Ditto, ditto, to be worked by horse-power	40*l.*
Ditto, ditto, steam-power	50*l.*

Price of horse-gear to drive one tile machine, 6*l.*; if to drive two machines, 8*l.* 10*s.*; if three, 12*l.* extra. One horse will drive three machines.

J. H. invites attention to his extensive stock of machinery of every description for brick and tile making, and will furnish full particulars upon application. Steam-engines from four to fifty horse power kept in stock.

ENGINEERING, BOILER MAKING, AND IRONFOUNDRY IN ALL ITS BRANCHES

MANUFACTORY:—ATLAS IRON WORKS, BOROUGH-ROAD, LONDON.

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